UTILITY PATENT APPLICATION

TRANSMITTAL

Attorney Docket No.		00885/0201148-US0	
First Inventor		William L. Peirson	
Title A SOLIDS SE		SEPARATOR	S. PTC 614

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. MS Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. See 37 CFR 1.27. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) x | Specification [Total Pages 21 Computer Readable Form (CRF) (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the invention
 Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or Paper Statement Regarding Fed sponsored R & D
 Reference to sequence listing, a table, Statements verifying identity of above copies c. or a computer program listing appendix **ACCOMPANYING APPLICATION PARTS** Background of the Invention Brief Summary of the Invention
 Brief Description of the Drawings (if filed) 9. Assignment Papers (cover sheet & document(s)) - Detailed Description - Claim(s) 37 CFR 3.73(b) Statement Power of 10. - Abstract of the Disclosure (when there is an assignee) Attorney 4. X Drawing(s) (35 U.S.C. 113) 11 Total Sheets 11. English Translation Document (if applicable) Information Disclosure Copies of IDS 12. 5. Oath or Declaration [Total Sheets Statement (IDS)/PTO-1449 Newly executed (original or copy) 13. Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. (Should be specifically itemized) Certified Copy of Priority Document(s) 15 DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) named in the prior application, Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). 16. Applicant must attach form PTO/SB/35 or its equivalent. see 37 CFR 1.63(d)(2) and 1.33(b). 17. Other: Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: x Continuation Divisional Continuation-in-part (CIP) of prior application No.: PCT/AU01/01303 Not Yet Assigned Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number: 07278 Correspondence address below DARBY & DARBY P.C. Name Joseph B. Lerch Address P.O. Box 5257 New York NY Zip Code 10150-5257 City State (212) 527-7700 (212) 753-6237 US Telephone Country Joseph B. Lerch Registration No. (Attorney/Agent) 26,936 Name (Print/Type) Date April 8, 2004 Signature

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PTO/SB/17 (10-03)
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FEE TRANSMITTAL	Application Number N			n Numbe	r Not Yet	Not Yet Assigned	
for EV 2004		Filing Date			Concurr	Concurrently Herewith	
for FY 2004			or William	William L. Peirson			
Effective 10/01/2003, Patent fees are subject to annual revision.						Not Yet Assigned	
x Applicant claims small entity status. See 37 CFR 1.27		Art Unit N/A					
TOTAL AMOUNT OF PAYMENT (\$) .00		Attom	ey Do	ocket No	. 00885/0	201148-US0	
METHOD OF PAYMENT (check all that apply)	Т			FEE	CALCULATION (continued)	
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Name The Director is authorized to: (check all that apply)	1052	50	2052	2 25	Surcharge – late provi sheet.	sional filing fee or cove	r
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Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2 2,520	For filing a request for e.	x parte reexamination	
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Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	5 1,840*	Requesting publication Examiner action	of SIR after	
FEE CALCULATION	1251	110	2251	I 55	Extension for reply with	nin first month	
1. BASIC FILING FEE	1252	420	2252	2 210	Extension for reply with	nin second month	
Large Entity Small Entity	1253	950	2253	3 475	Extension for reply with	nin third month	
Fee Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254	740	Extension for reply wit	hin fourth month	
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee 335.00	1255	2,010	2255	5 1005	Extension for reply with	nin fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401		Notice of Appeal	an man monar	
1003 530 2003 265 Plant filing fee	1402		2402		Filing a brief in support	of an appeal	
1004 770 2004 385 Reissue filing fee	1403		2403		Request for oral hearing	• •	h
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a p	ublic use proceeding	
0.0000000000000000000000000000000000000	1452	110	2452	2 55	Petition to revive - una	voidable	
SUBTOTAL (1) (\$) 335.00	1453	1,330	2453	665	Petition to revive - unir	ntentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reis	sue)	
Extra Fee from Claims below Fee Paid	1502	480	2502	2 240	Design issue fee		
Total Claims 37 -20** = 17 x 9.00 = 153.00	1503	640	2503	3 320	Plant issue fee		}
Independent 2 -3** = 0.00	1460	130	1460		Petitions to the Comm	ssioner	
Claims	1807	50	1807	7 50	Processing fee under	37 CFR 1 17(a)	
	1806		1806		Submission of Informa		
Large Entity Small Entity Fee Fee			1		Recording each patent		—
Code (\$) Fee Description	8021	40	8021	I 40	property (times numbe	r of properties)	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission aft (37 CFR 1.129(a))	er final rejection	
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invexamined (37CFR 1.1)		
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	Request for Continued		
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited of a design application		
and over original patent	Other	fee (spe	cify)				
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**or number previously paid, if greater; For Reissues, see above	<u> </u>						
SUBMITTED BY	Bosi-	rotion At-	, ,			e (if applicable))	
Name (Print/Type) Joseph B. Lerch		tration No ey/Agent)		6,936	Telephon	e (212) 527-7744	4
Signature					Date	April 8, 2004	

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Utility Patent Application Transmittal (1 page);

Application Data Sheet (2 pages);

Fee Transmittal (1); Specification (13 pages)

Claims (7 pages) Abstract (1 page)

11 Sheets of Drawings (Figs. 1-11)